

09cd 07-18-01

PTO/SB/21(08/00)

Approved for use through 19/30/2000. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	09/898,849
		Filing Date	July 3, 2001
		First Named Inventor	Todd A. Anderson
		Group Art Unit	TBA
		Examiner Name	To Be Assigned
Total Number of Pages in This Submission	13	Attorney Docket Number	42390P11768

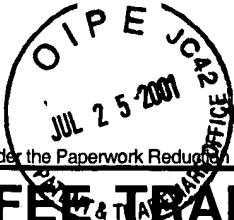
#2

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div>Return Receipt Postcard</div>
<input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Remarks **Preliminary Amendment	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Joseph Lutz, Reg. No. 43,765 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN
Signature	
Date	July 23, 2001

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: July 23, 2001			
Typed or printed name	Marilyn Bass		
Signature		Date	07/23/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/17 (09-00)

Approved for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL**for FY 2001**

Patent fees are subject to annual revision.

Complete if Known

Application Number	09/898,849
Filing Date	07/03/01
First Named Inventor	Todd A. Anderson, et al.
Examiner Name	To Be Assigned
Group Art Unit	TBA
Attorney Docket Number	42390P11768

TOTAL AMOUNT OF PAYMENT (\$)**METHOD OF PAYMENT** (check one)

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666Deposit Account Name Blakely, Sokoloff, Taylor & Zafman LLP

- ☒
- Charge Any Additional Fee Required Under 37CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Money Order ☐ Other**FEE CALCULATION****1. FILING FEE**

Large Entity Code	Large Entity Fee (\$)	Small Entity Code	Small Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$)**2. CLAIMS**

Total Claims	Extra	Fee from below	Fee Paid
35	X		
7	X		

Multiple Dependent Claims

Large Entity Code	Large Entity Fee (\$)	Small Entity Code	Small Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple Dependent claim
109	80	209	40	Reissue independent claims over original patent
110	18	210	9	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

*or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEE**

Large Entity Code	Large Entity Fee (\$)	Small Entity Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920	112	920	Requesting publication of SIR prior to Examiner action	
113	1,840	113	1,840	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for response within first month	
116	390	216	195	Extension for response within second month	
117	890	217	445	Extension for response within third month	
118	1,390	218	695	Extension for response within fourth month	
128	1,890	228	945	Extension for response within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidably	
141	1,240	241	620	Petition to revive - unintentionally	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) _____

SUBTOTAL (3) (\$)

* Reduced by Basic Filing Fee Paid

SUBMITTED BY

Typed or Printed Name	Joseph Lutz, Reg. No. 43,765	Complete (if applicable)	Reg. Number
Signature		Date	7/23/2001
		Deposit Account User ID	02-2666

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Attorney's Docket No. 42390P11768

2/A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Todd A. Anderson et al.

Serial No.: 09/898,849

Filed: July 3, 2001

For: AN APPARATUS AND METHOD FOR SECURE,
AUTOMATED RESPONSE TO DISTRIBUTED
DENIAL OF SERVICE ATTACKS

Examiner: Unknown

Art Unit: Unknown

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Box: Non-Fee Amendment
Washington, DC 20231

Dear Sir:

Please amend the above-identified patent application as follows prior to examination of a non-provisional patent application filed on July 5, 2001.

IN THE SPECIFICATION

Please replace paragraph [002] as follows:

a¹
[002] The advent of the Internet provides Internet users with a worldwide web of information at the click of a button. Accordingly, various businesses have responded to the incredible reach provided by the Internet to enable commerce via channels provided by the Internet. As such, the Internet has become a key mechanism for business to consumer (B2C) and business to business (B2B) commerce. Moreover, many entertainment providers have been quick to utilize the Internet as an additional venue for presenting their entertainment content to users.

Please replace paragraph [0036] as follows:

a²
[0036] Referring now to FIG. 3, FIG. 3 depicts a block diagram illustrating a subset of the components of a conventional router 202. The router 202 includes a forwarding plane 280 containing an egress filter 206 and a forwarding decision block 290. The egress filter 206 drops traffic matching certain specifications as provided by the control plane 210. The forwarding decision block 290 decides how to forward the traffic. Accordingly, when a piece of network traffic (packet) is locally addressed, the forwarding decision block 280 forwards the packet to the control plane 210 where it is processed.